

STRUCTURE AND METHOD FOR EFFICIENT MANAGEMENT
OF MEMORY RESOURCES

ABSTRACT OF THE DISCLOSURE

A structure and method is provided for optimizing memory resources, by establishing a history file for recording data processing criterion. The history file is then recorded in a first memory. Information either stored in the first memory or scheduled to be stored in the first memory can then be selectively reallocated and stored in an alternate memory. All or portions of the reallocated information can then be restored back to the first memory subsequently, with reference to the history file.